

Abstract of the Disclosure

An alignment pin or fastener includes a radially eccentric part such that when the fastener is tightened, the eccentric part shifts radially to simultaneously align the holes of two plates in a radial direction and clamp the two plates together in an axial direction. The bi-directional fastener includes two heads at opposite ends of a shaft, wherein the two plates become sandwiched and clamped between the two heads. The shaft and the two heads remain fixed relative to each other, so turning one head turns the other. This allows the fastener to be tightened even when only one of the heads is accessible.